



Brookhaven National Laboratory  
Peconic River Remedial Alternatives  
Workshop

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# The Industry's Most Comprehensive Environmental Infrastructure Solutions firm





## The IT Group Profile: Most Comprehensive Environmental Infrastructure Firm

- 73-year-old, tier one, environmental management firm
- Publicly held since 1983 (NYSE: ITX)
- Global, full-service, engineering, design and construction capabilities
- \$1.3 billion in revenue
- Over 7,000 employees
- Over 80 offices in 38 states in the U.S.
- 16 office in 8 countries



# Innovative Technologies

- Technology Development Laboratory
- Biotechnology Applications Center
- EPA Test and Evaluation Facility
- Geotechnical Laboratory





# Ecosystems Preservation and Restoration

- Ecological assessments
- Wetlands delineation, design and construction
- Contaminated sediments management
- Stream restoration



# Sediment Removal Techniques

- Wet removal
  - Silt curtains
  - Environmental bucket
  - Seasonal Considerations
- Dry removal
  - Temporary dams
  - Water diversion
  - Seasonal considerations



# Secondary Issues

- T&E issues
- Limited tree removal
- Minimize wetland impacts
  - Board roads
  - Marsh mats
  - LPG equipment



# Kissimmee River Restoration Reach 1 - Backfill

- Scope of Work
  - Clearing and grubbing - 1,200 acres
  - Degrade six dredged spoil mounds, containing 11,000,000 cubic yards of fill material
  - Backfill 40,000 feet of canal with fill from spoil mounds
  - Construct two new oxbows through flood plain, removing 200,000 cubic yards of fill
  - Demolish S65-B flood control and navigation structure







